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(21)



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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/943,944E

DATE: 09/08/2003

TIME: 10:59:18

Input Set : A:\Har-0651.app

Output Set: N:\CRF4\09052003\I943944E.raw

3 <110> APPLICANT: Ptashne, et al.,
 5 <120> TITLE OF INVENTION: Transcriptional Activation System, Activators, and Uses
 6 Therefor
 8 <130> FILE REFERENCE: 0342941-0065
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/943,944E
 11 <141> CURRENT FILING DATE: 2001-08-31
 13 <160> NUMBER OF SEQ ID NOS: 238
 15 <170> SOFTWARE: PatentIn Ver. 2.1
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 11
 19 <212> TYPE: PRT
 20 <213> ORGANISM: Artificial Sequence
 22 <220> FEATURE:
 23 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
 24 sequences.
 26 <400> SEQUENCE: 1
 27 Trp Thr Asp Gln Thr Ala Tyr Asn Ala Phe Gly
 28 1 5 10
 31 <210> SEQ ID NO: 2
 32 <211> LENGTH: 18
 33 <212> TYPE: DNA
 34 <213> ORGANISM: Artificial Sequence
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 37 <221> NAME/KEY: misc_feature
 38 <222> LOCATION: (9)..(10)
 39 <223> OTHER INFORMATION: n = a single nucleotide.
 41 <220> FEATURE:
 42 <221> NAME/KEY: misc_feature
 43 <222> LOCATION: (12)..(13)
 44 <223> OTHER INFORMATION: n = a single nucleotide.
 46 <220> FEATURE:
47 <223> OTHER INFORMATION: Description of Artificial Sequence: Random
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 50 <400> SEQUENCE: 2
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 54 <210> SEQ ID NO: 3
 55 <211> LENGTH: 18
 56 <212> TYPE: DNA
 57 <213> ORGANISM: Artificial Sequence
 59 <220> FEATURE:
 60 <223> OTHER INFORMATION: Description of Artificial Sequence: Random
 61 nucleotide sequences.
 63 <400> SEQUENCE: 3

ENTERED

P. 6

RAW SEQUENCE LISTING

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Input Set : A:\Har-0651.app

Output Set: N:\CRF4\09052003\I943944E.raw

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70 <213> ORGANISM: Artificial Sequence
72 <220> FEATURE:
73 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
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76 <400> SEQUENCE: 4
77 Ile Pro Pro Pro Tyr Phe
78 1 5
81 <210> SEQ ID NO: 5
82 <211> LENGTH: 18
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Description of Artificial Sequence:Random
88 nucleotide sequences.
90 <400> SEQUENCE: 5 18
91 ctgccccgggt ctttcttc
94 <210> SEQ ID NO: 6
95 <211> LENGTH: 6
96 <212> TYPE: PRT
97 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
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103 <400> SEQUENCE: 6
104 Leu Pro Gly Cys Phe Phe
105 1 5
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109 <211> LENGTH: 18
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: Description of Artificial Sequence:Random
115 nucleotide sequences.
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118 cagctcccc cctggta 18
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124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
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131 Gln Leu Pro Pro Trp Leu
132 1 5

RAW SEQUENCE LISTING DATE: 09/08/2003
PATENT APPLICATION: US/09/943,944 TIME: 10:59:18

Input Set : A:\Har-0651.app
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141 <223> OTHER INFORMATION: Description of Artificial Sequence:Random
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145 tactggccct ccccttc 18
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149 <211> LENGTH: 6
150 <212> TYPE: PRT
151 <213> ORGANISM: Artificial Sequence
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
155 sequences.
157 <400> SEQUENCE: 10
158 Tyr Trp Pro Ser Pro Phe
159 1 5
162 <210> SEQ ID NO: 11
163 <211> LENGTH: 18
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Description of Artificial Sequence:Random
169 nucleotide sequences.
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172 gagttccccat atgacttg 18
175 <210> SEQ ID NO: 12
176 <211> LENGTH: 6
177 <212> TYPE: PRT
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180 <220> FEATURE:
181 <223> OTHER INFORMATION: Description of Artificial Sequence:Random
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185 Glu Phe Pro Tyr Asp Leu
186 1 5
189 <210> SEQ ID NO: 13
190 <211> LENGTH: 18
191 <212> TYPE: DNA
192 <213> ORGANISM: Artificial Sequence
194 <220> FEATURE:
195 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
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198 <400> SEQUENCE: 13
199 accgcggaaat tccccctc 18
202 <210> SEQ ID NO: 14
203 <211> LENGTH: 6

RAW SEQUENCE LISTING

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Input Set : A:\Har-0651.app

Output Set: N:\CRF4\09052003\I943944E.raw

204 <212> TYPE: PRT
205 <213> ORGANISM: Artificial Sequence
207 <220> FEATURE:
208 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
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212 Thr Ala Glu Phe Pro Leu
213 1 5
216 <210> SEQ ID NO: 15
217 <211> LENGTH: 18
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Description of Artificial Sequence:Random
223 nucleotide sequences.
225 <400> SEQUENCE: 15
226 caattttcttag acgcactt 18
229 <210> SEQ ID NO: 16
230 <211> LENGTH: 6
231 <212> TYPE: PRT
232 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
236 sequences.
238 <400> SEQUENCE: 16
239 Gln Phe Leu Asp Ala Leu
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243 <210> SEQ ID NO: 17
244 <211> LENGTH: 18
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: Description of Artificial Sequence:Random
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253 acattccctg accccttc 18
256 <210> SEQ ID NO: 18
257 <211> LENGTH: 6
258 <212> TYPE: PRT
259 <213> ORGANISM: Artificial Sequence
261 <220> FEATURE:
262 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
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265 <400> SEQUENCE: 18
266 Thr Phe Pro Asp Pro Phe
267 1 5
270 <210> SEQ ID NO: 19
271 <211> LENGTH: 18
272 <212> TYPE: DNA

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/943,944E

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Input Set : A:\Har-0651.app
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273 <213> ORGANISM: Artificial Sequence
275 <220> FEATURE:
276 <221> NAME/KEY: misc_feature
277 <222> LOCATION: (10)
278 <223> OTHER INFORMATION: n = a single nucleotide.
280 <220> FEATURE:
281 <221> NAME/KEY: misc_feature
282 <222> LOCATION: (12)
283 <223> OTHER INFORMATION: n = a single nucleotide.
285 <220> FEATURE:
286 <223> OTHER INFORMATION: Description of Artificial Sequence:Random
287     nucleotide sequences.
289 <400> SEQUENCE: 19
W--> 290 atcgcccan cnctttc          18
293 <210> SEQ ID NO: 20
294 <211> LENGTH: 18
295 <212> TYPE: DNA
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
299 <223> OTHER INFORMATION: Description of Artificial Sequence:Random
300     nucleotide sequences.
302 <400> SEQUENCE: 20
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306 <210> SEQ ID NO: 21
307 <211> LENGTH: 6
308 <212> TYPE: PRT
309 <213> ORGANISM: Artificial Sequence
311 <220> FEATURE:
312 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
313     sequences.
315 <400> SEQUENCE: 21
316 Leu Asp Phe Ser Tyr Val
317   1      5
320 <210> SEQ ID NO: 22
321 <211> LENGTH: 18
322 <212> TYPE: DNA
323 <213> ORGANISM: Artificial Sequence
325 <220> FEATURE:
326 <223> OTHER INFORMATION: Description of Artificial Sequence:Random
327     nucleotide sequences.
329 <400> SEQUENCE: 22
330 ccccaaccac ctggccc          18
333 <210> SEQ ID NO: 23
334 <211> LENGTH: 6
335 <212> TYPE: PRT
336 <213> ORGANISM: Artificial Sequence
338 <220> FEATURE:
339 <223> OTHER INFORMATION: Description of Artificial Sequence:Random peptide
340     sequences.

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 09/08/2003
PATENT APPLICATION: US/09/943,944E TIME: 10:59:19

Input Set : A:\Har-0651.app
Output Set: N:\CRF4\09052003\I943944E.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; N Pos. 9,10,12,13
Seq#:19; N Pos. 10,12
Seq#:112; N Pos. 12
Seq#:116; N Pos. 1,2,3,11,12,14
Seq#:117; N Pos. 9
Seq#:204; N Pos. 3,18
Seq#:222; N Pos. 10

VERIFICATION SUMMARY DATE: 09/08/2003
PATENT APPLICATION: US/09/943,944E TIME: 10:59:19

Input Set : A:\Har-0651.app
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L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:51 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:290 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:1549 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:112 after pos.:0
L:1618 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:116 after pos.:0
L:1636 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:117 after pos.:0
L:2821 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:204 after pos.:0
L:3069 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:222 after pos.:0